



PATENT

AF  
EFW

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop AF, Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 2313-1450.

August 22, 2007      Jennifer Badley  
Date      Jennifer Badley

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Clarence T. Tegreene  
Application No. : 10/814,454  
Filed : March 31, 2004  
TITLE : MOTE NETWORKS USING DIRECTIONAL ANTENNA  
TECHNIQUES  
Confirmation No. : 8393

Examiner : Lee Nguyen  
Art Unit : 2618  
Docket No. : 0104-003-007-000000  
Customer No. : 44,765

Mail Stop AF  
Commissioner for Patents  
U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
SUBMITTED AFTER NOTICE OF ALLOWANCE AND  
PETITION UNDER 37 C.F.R. § 1.97(d)

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449 (substitute form). This Information Disclosure Statement is being filed after Notice of Allowance

but before payment of the issue fee, and is accompanied by the petition fee and certification as specified under § 1.97(e). Applicant respectfully petitions and requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. Pursuant to 37 CFR 1.98(a)(2), copies of the foreign patent documents and non-patent literature are attached.

Applicant is supplying a copy of the International Search Report. Applicant is also supplying copies of the International Search Reports for cross-referenced applications 10/816,082 and 10/816,102 (not the instant case.) Applicant notes that the International Search Reports have not been generated under U.S. law and therefore have little, if any, applicability to the instant case. However, the International Search Reports are being cited to the examiner for the sake of completeness and courtesy.

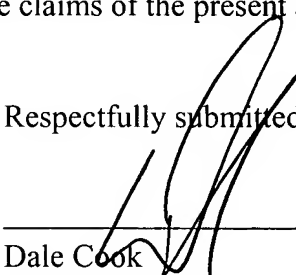
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

In accordance with Section 1.97(c), the required fee is being submitted. The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 502857. A duplicate copy of this sheet is enclosed.

Based on reasonable inquiry, no document listed in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,



---

Dale Cook  
Registration No. 42,434

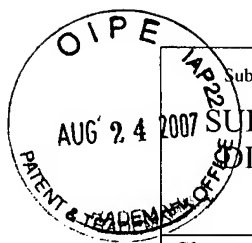
DRC:jmb

Enclosures:

- Postcard
- Check
- Copy of this Information Disclosure Statement
- Form PTO-1449 (substitute)
- Cited References (3) - International Search Reports

Searete LLC  
1756 – 114<sup>th</sup> Ave. S.E., Suite 110  
Bellevue, WA 98004  
(425) 467-2300  
(425) 467-2351 Facsimile

[http://isf.intven.com/shared documents/Patents Filed-Active Drafts/Data Architecture-003/0104-003-007-Mote Netwks-Direc Antenna Techs/IDS-after finalORallow \(15\).doc](http://isf.intven.com/shared documents/Patents Filed-Active Drafts/Data Architecture-003/0104-003-007-Mote Netwks-Direc Antenna Techs/IDS-after finalORallow (15).doc)



Substitute for form 1449A/PTO

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT BY  
APPLICANTS**

(Use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number 0104-003-007-000000

Application Number	10/814,454
Filing Date	March 31, 2004
First Named Inventor	Clarence T. Tegreene
Group Art Unit	2618
Examiner Name	Lee Nguyen

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Number Number-Kind Code <sup>2</sup> (if known)	Issue Date (MM-DD-YYYY)	Name of Patentee
	AA	7,165,109 B2	01-16-2007	Chiloyan et al.
	AB	6,421,354 B1	07-16-2002	Godlewski, Ronald W.
	AC	6,640,145 B2	10-28-2003	Hoffberg et al.
	AD	6,504,829 B1	01-07-2003	Young et al.
	AE	6,208,247 B1	03-27-2001	Agre et al.

**U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Publication Number Number-Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Applicant
	AF	2005/0021724 A1	01-27-2005	Kung et al.
	AG	2004/0090326 A1	05-13-2004	Chin et al.
	AH	2003/0151513 A1	08-14-2003	Herrmann et al.
	AI	2002/0161751 A1	10-31-2002	Mulgund et al.
	AJ	2001/0027495 A1	10-04-2001	Campagnolo, Valentino

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AK	PCT International Search Report; International App. No.: PCT/US05/09479; 17 July 2007
	AL	PCT International Search Report; International App No.: PCT/US05/09640; 09 July 2007
	AM	PCT International Search Report; International App No.: PCT/US05/10053; 10 August 2007

OMB 0651-0031

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*